

KELLER & PARTNER
PATENTANWÄLTE AG

Werner A. Roshardt
Patentanwalt VSP
European Patent Attorney
Dipl.-Phys. ETH

Dr. Jürgen Junghans
Patentanwalt
Dipl.-Ing. Elektrotechnik
Physiker

Dr. Anton Steiner
Patentanwalt
Dipl.-Phys. ETH

Roman Stäbler
Patentanwalt
Dipl. El.-Ing. ETH

Dr. Philipp Rüfenacht
Patentanwalt
Dipl.-Phys. UniBE

Schmiedenplatz 5
Postfach
CH-3000 Bern 7
Switzerland
Telefon +41 (0) 31 310 80 80
Telefax +41 (0) 31 310 80 70/71
info@kellerpatent.ch
www.kellerpatent.ch

Bank CS Bern 398 655-81
(BLZ 4094)

Postkonto 30-22853-1

by fax and REGISTERED

Europäisches Patentamt
Zweigstelle Den Haag
P.B. 5818
Patentlaan 2
2280 HV Rijswijk
NIEDERLANDE

Bern, 7 November 2003/pb
u/Zch. RS/RS-16071
l/Zch.

Our File 16071

International Patent Application No. PCT/CH03/00203; Ascom Energy Systems AG
Comment on the officially amended abstract

Dear Sirs,

On 10 October 2003 we have received the international search report with respect to the patent application in caption. We herewith comment on the new abstract as amended by the International Searching Authority.

The Authority asserts, that certain claims were unsearchable, because the claims were not supported by the description, since the scope of protection of the claims was broader than what is disclosed in the description and drawings. The Authority has amended the claims in the light of the description and the drawings and has added some features. One of the features that was added to the abstract is that the power converter comprises a transformer. However, as outlined on page 16 lines 10-11 and 24 of the description, the invention is not limited to power converter topologies with a transformer. Limiting the claims and the abstract with this feature therefore is not justified.

It is requested that the officially amended abstract be replaced by the abstract as shown on the enclosed substitute page 27.

Thank you for your acknowledgement of receipt of these documents with the enclosed acknowledgement form.

The Representative:



Werner A. Roshardt, Patent Attorney

- substitute page 27 with a further amended abstract
- acknowledgement form (only by mail)

ABSTRACT

The present invention is directed to a switch mode power converter for supplying an output power to a load (R_L). The converter includes a switch (SW) at a primary side and at a secondary side a switching device (SR) having a switching input, a switching output, and a control input for enabling or disabling the switching device from conducting current from the switching input to the switching output. The converter also includes a network (L_2 , C) in which the switching device input, the switching device output, and the load are connected together to form a circuit. The converter also includes a bias winding (L_B) in the circuit for producing a bias voltage (VB) representative of the output power, and a control circuit (CC). The control circuit is for (a) determining the rate of change of the bias voltage, (b) characterizing the rate of change, and (c) controlling the control input as a result of the characterization (b).

PATENT COOPERATION TREATY

Eingegangen

04. Dez. 2003

From the INTERNATIONAL SEARCHING AUTHORITY

PCT Keller & Partner AG

To:

KELLER & PARTNER
Attn. Roshardt, Werner A.
Schmiedenplatz 5
Postfach
CH-3000 Bern 7
SWITZERLAND

NOTIFICATION OF CHANGE IN
ABSTRACT AS PREVIOUSLY ESTABLISHED
BY INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 38.2 (b)
and Administrative Instructions, Section 515)


Date of mailing (day/month/year) 02/12/2003	
Applicant's or agent's file reference RS/nj-16071	INFORMATION ONLY
International application No. PCT/CH 03/00203	International filing date (day/month/year) 28/03/2003
Applicant ASCOM ENERGY SYSTEM AG	

The applicant is hereby notified that this International Searching Authority has considered the comments received from the applicant on the abstract established by this Authority (Form PCT/ISA/210) and has decided that:

- ☒ the text of the abstract remains as previously established by this Authority for the reasons indicated below/in the Annex.
- ☐ the text of the abstract is changed in view of the applicant's comments and it now reads as it appears below/in the Annex.

In the opinion of the Search Authority the text of the abstract as previously established seems to be a more appropriate version to fulfill the requirements of Rule 8.3 PCT.

A copy of this Notification and any Annex has been sent to the International Bureau.

Name and mailing address of the International Searching Authority  European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Federico Bonomelli
--	--